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CATALOGUE

1904

Strawberry
Plants ==

and Gladiolus
Bulbs ==

M. CRAWFORD COMPANY

CUYAHOGA FALLS
OHIO

Let Us Introduce Our Salesman

This catalogue is our salesman. We request for it the courtesy of a few minutes of your time that it may tell you why it is to your advantage to deal with us. We take it for granted that in buying plants, as in anything else, you want to get the best value for your money, and we believe we are in a position to give you the best value.

We have been in the plant business upwards of a quarter of a century, being among the first west of the Allegheny mountains to make a specialty of growing and selling small fruit plants. In that period there has not been another house in the country that has sent out uniformly better plants or packed them better than we have.

We believe that we were the first to guarantee the safe arrival of plants if ordered at a reasonable season of the year, thus showing our own confidence in our packing.

We have made a specialty of sending plants by mail and have sent them with the utmost satisfaction to every state and territory in this country and most of the provinces of Canada, as well as to some European countries.

With possibly one or two exceptions, we have introduced more varieties that have taken prominent places than any other house in the country. Among these varieties may be named Senator Dunlap, Brandywine, Wm. Pelt, Nick Ohmer, Margaret, Woolverton, Kittie Rice, Challenge, Miller, Empress and Saunders.

Each year we make it a point to buy plants of most of the new introductions that give promise of becoming popular and are able the following year to furnish our customers with well grown plants of these varieties at prices within the reach of all. In many instances it is much better for fruit growers to wait a year and get plants from plant growers who have good plants and know how to pack them right, rather than to buy at introducer's prices from persons who are not always familiar with the packing and shipping of plants.

Our plants are grown on ground of good, fair fertility and at distances that enable them to develop to good size. We sell at prices as low as are consistent with the quality of stock we produce and we give our customers satisfaction. We should be pleased to have you favor us with a trial order. We believe that when you learn how we treat our customers we shall have a larger order from you next year.

Please look this catalogue over and see what we have to offer. Even if you have a perfectly satisfactory place for buying your plants, you may see something listed here that your regular dealer has not in stock this year. If you do not do that you may learn something from the descriptions that will help you in making a wise selection of varieties. The more study you give to the subject of fruit growing the sooner you will conclude that in the end the best plants to be had are the most profitable for you to buy. When you become convinced on this point we shall have the better chance of getting at least a part of your trade.

VARIETIES

✓ *The Beaver Strawberry* Perfect. Dayton, Ohio, is a noted horticultural center, and has been for a very long time. It is said that there are fifty nurseries in that vicinity. The oldest and most influential horticultural society in the state has its headquarters in Dayton. In no other section of the west have the people a higher standard in horticulture. Probably the finest strawberries ever produced in Ohio were grown in Dayton by Mr. John F. Beaver, who is one of the most successful growers in the country. For about a quarter of a century he has been testing nearly all that were introduced, and he has grown a great many seedlings. The Margaret, Nick Ohmer and Kittie Rice were originated by him. The latter is probably the best well tested variety in the country. Mr. Beaver has had such astonishing success with this fruit that other members of the Montgomery County Horticultural Society have made strenuous efforts to grow such berries as he exhibits, so that the June meeting of that society is a great event. Last June was no exception. The Kittie Rice was at its best, although the season was one of the most unfavorable ever known. Mr. Beaver had on exhibition a new seedling that he has been growing for a few years, that was so far superior to all others, that by a unanimous vote of the society, it was named the *Beaver*. Mr. Beaver thinks that it is his best production. In its season it alone is used on his table. Other growers who have watched its behavior are enthusiastic over it.

The plant is a strong grower, of large size, perfectly healthy, sends out plenty of stout runners, has a perfect blossom and is a prolific bearer. Its season is medium. The fruit is large, roundish conical, and with the exception of an occasional berry among the first to ripen, very uniform in shape and size. The color is bright, glossy red. Before coloring, a beautiful white.

In quality it is unsurpassed. A critical grower who has often seen it in Mr. Beaver's garden, says: "In flavor I think it surpasses any berry I have ever seen, and is fine in every respect." Another writer, who saw Mr. Beaver's exhibit, has this to say:

"The Beaver, the *S4* and the Kittie Rice are all magnificent varieties, each possessing a combination of excellence never before attained in a single variety. In color, form, flavor, size, perfection of ripening and keeping qualities they are unequaled by any other berry. The choice among the three was decided to be No. 81, and this was accordingly named for its originator."

Mr. Beaver sent us two plants of this variety in the fall of 1901, and we are well pleased with it so far, and confidently expect it to become a favorite. The stock of plants is far too small to warrant us in offering it for sale, and none will be sold this spring. But owing to the generosity of Mr. Beaver, who never sells plants, we are enabled to let our customers have this variety on the terms mentioned on Page 16 of this catalogue. The plants given under this offer are sent without restrictions.

Recent Introductions

Of the varieties mentioned under this head plants were purchased by us a year ago. All we know of them is their manner of growth, as seen on our place during the past season. For their description we must take the words of the originators or introducers. We advise those who are on the lookout for something good to read these descriptions and order a few plants of those varieties that appear the most likely to suit their requirements. There may be in this list an improvement on any of the great varieties now on the market.

✓ **Ben Davis** *Perfect.* Originated by Jas. Sons, Jr., of Missouri. With us it has proven a good grower, making large, dark colored, healthy plants freely. The introducer describes it as follows:

"Very large, round to oblong, never misshapen, very productive, dark red berry. Plant very healthy, never rusts, and one of the very largest. The originator, Mr. James Sons, has now at his nursery plants that are two feet in diameter. We consider this the most promising new berry worthy of trial by all who are interested in strawberry culture. The plant is a great plant maker. The berry is very high flavored and a firm, good shipper. We believe it will prove to be one of the most profitable berries yet produced. Perfect bloomer, season medium early.

✓ **Commonwealth** *Perfect.* Originated in Massachusetts by a grower who had been trying for years to produce a valuable late variety. This he thinks has been accomplished in the Commonwealth. He says: "It is as large as the largest, as productive as any of the largest, as fine flavored, as solid and as dark colored as any. It is smooth, similar to the Jucunda in shape, and very juicy. It is *late*. On the 17th day of July, 1902, as good berries were picked as during its season, and in quantity; the Marshall, Glen Mary and McKinley, side by side with it, being gone. The last berries were picked July 22. The plant is a good, strong grower, not so rank as the Marshall, hardy, shows no sign of rust, a fair plant maker, setting its plants at medium distance from the parent. It has received no petting, but taken an equal chance with dozens of other kinds for the four years of its existence."

Mr. C. S. Pratt, the introducer of the Sample, says of the Commonwealth: "The Sample, which has been the best berry since '98, has met its superior. It is just as good to-day as ever, but there is a better berry."

Mr. J. J. H. Gregory, the well known seedsman, saw the Commonwealth on the grounds of the originator and wrote of it as follows: "The berry is tremendously large, (14 of those I picked filled a quart box). The berries are symmetrical in shape, having a rich glossy color. The flesh is dark red, nearly as dark 'as the Marshall. It is a great cropper and appears to be sufficiently hard fleshed to ship well. One of its most valuable characteristics is its lateness in maturing, for when I was there, July 2, the large bed which had bushels of growing fruit, had to be searched over very carefully to find a single quart of ripe berries."

✓ **Duncan** *Perfect.* Found growing wild in New Jersey some ten years ago. The owner has found it so profitable and satisfactory that he kept it on his own place. He has the name of carrying the finest berries into the Philadelphia market, but has concluded to go out of the business. Hence he has offered the Duncan for sale. A number of merchants who handled the Duncan speak of it as the best they had ever seen. One speaks of seeing a berry ten inches in circumference. The owner has had seven berries to fill a quart box, and sold \$800 worth from one acre, it is so enormously productive. While we have never fruited the Duncan we have great faith in it.

With us the plant is a good grower, perfectly healthy, makes plenty of short runners, and is in every way satisfactory as a grower. The fruit is dark red, firm and of fine flavor.

John Simon, a Philadelphia fruit dealer, says: "I have handled the Duncan berry for a number of years, which are the finest on the market, and bring the highest prices. I have paid as high as 35 cents per quart for them and taken as high as 25 crates at a time."

J. Walter Shallcross, of Philadelphia, says: "Having had the pleasure of being at the Duncan farm during the berry season, I can say I never saw such a sight. The patches surpassed anything I had ever seen, the vines being thick with large, fine fruit. I have traveled through New York and Southern States in berry season, but did not see their equal."

Howard *Imperfect.* This variety will, we believe, stand as a worthy monument to the memory of the man whose honored name it bears. The late G. W. Howard, of Stevensville, Mich., was not only a good fruit grower, he was also a good man, and, when he passed judgment on a variety, the judgment was honest. Furthermore, he tested nearly everything that came out and formed his opinions only after careful observation and a full knowledge of what is required in a good variety.

The Howard No. 2 was one of nine seedlings selected by Mr. Howard in 1895 from about a thousand seedlings taken from a patch where Bubach, Gandy, Warfield, Haverland and Parker Earle had grown. There were many in the lot that appeared as good as a number of the standard varieties, but only those were saved that showed great merit. The variety has been grown continually on the Howard farm since its discovery and has proved a marked success during all these years. We received plants of it on trial in 1901, and in 1902, when it fruited, we were much pleased with it. Our notes for that year are as follows: "June 12. Medium sized plants, and healthy and productive. Roundish, regular form, smooth, large, good color, fair flavor. Promising."

Mr. Edgar Howard, son of the originator, describes the variety as follows:

"Howard No. 2 is a pistillate variety of superior qualities. It ripens with the Beder Wood, has much the shape of the Bubach, is a little larger than the Warfield or Beder Wood, very uniform in size and shape, and will yield more on our soil than any standard variety we are growing. The berry is a ready seller, being bright in color and nearly as dark as Warfield. One thing we have noted in particular is its shipping qualities. It is not as juicy as some others. In 1902 we marked several berries, and in spite of a wet season they remained in fair condition for nine days; the stem had turned black, as a watermelon stem does, before the berries were too soft to ship. It is a good plant maker and the plants are strong and healthy. Everybody that has seen it in fruit says it is superior to the twenty-eight new and standard old varieties we have tested by its side. We have grown it very successfully with common culture on both heavy sand and clay soils and shipped it with select Senator Dunlap and sold them at the same price. It holds up well in size, the last of the crop being nearly as large as the first. In my opinion is the best pistillate variety of its season."

Lucas *Perfect.* This variety has not fruited on our place, but has made a good growth. It is perfectly healthy, makes plants freely on short runners. The originator, from whom we procured our stock, has this to say of the variety:

"This is the variety for which I was awarded a medal at the Pan-American Exposition. It is a chance seedling that originated here six years ago, and every year since has produced a large crop of berries. The plants are very large and deep rooted, with tall, broad, dark green foliage, and without a sign of any disease, and are good plant makers. It has perfect blossoms and is one of the best to plant with pistillate varieties.

The fruit is very large, roundish, conical, of uniform size and shape, and never misshapen; color, dark red; firm and of good quality. It is as productive as any perfect blossom variety I know of and ripens here in midseason.

I do not recommend it for light, sandy soil, but on any other it is a good variety."

Missouri *Perfect.* We received our plants from the originator, Jas. Sons, Jr., of Missouri. It has made a good growth here, running freely and making large, tall plants. Mr. Sons describes it as follows:

"Rather dark red, large to very large, very productive mid-season berry, plant resembles Ben Davis in general appearance; very healthy, good plant maker, a splendid pollenizer, very firm good berry. You will make no mistake planting this berry."

Ninety-Six *Perfect.* This is another of the seedlings which the late G. W. Howard selected in 1895, as mentioned in the description of Howard No. 2. It is one of the medium late varieties; a large, strong, healthy plant and a good plant maker. Berries large and solid and of glossy red color. Season about with Sample. The variety is more productive than Gandy and the fruit is much larger. The foregoing is Mr. Edgar Howard's description.

✓ **Olive's Pride** *Perfect.* Not fruited here. Our stock came from the introducer, Mr. J. W. Hall, of Maryland. He has this to say:

"This new berry has many good qualities not possessed by others. After growing strawberries for thirty years, I find in the Olive's Pride more good qualities than I have seen in any other variety. It is superior to its parentage (Crescent) in every way except productiveness—the Crescent when first introduced was said to produce 15,000 quarts to the acre—but its blossoms are perfect, berries much larger and holds its size well to the end of the season.

The plant is a healthy grower, producing a plenty of healthy plants. They have been grown for three years on different soils, with equal success, doing extra well on old beds. Berry is large size and holds its size all through the season, more so than any berry I have seen. It is a beautiful deep red flesh all through and holds its color.

It ripens its whole crop in a very short time. It is much earlier than the Crescent, three to five days later than the Michel and Hoffman; but its crop will be picked before the Hoffmans and Michels are gone, because it ripens its whole crop in such a short time. It ripens all over, no green tips nor any coxcomb berries. It has a large, double calyx, helping to make it excel other berries in appearance. It is free from rust, blight and all other diseases incident to plant life. The berry is firm, and carries well to distant markets and brings the highest prices. The flavor is excellent; am certain I never tasted a finer flavor in a strawberry. Of the large crop of fruit this berry bears, I have never seen a ripe one on the ground. The fruit is beneath the foliage, which protects it from the sun. It does not need any much to keep the berries off the ground. In the unfavorable season of 1901 one-half acre netted \$231.00.

The last shipment of Olive's Pride went in the same car with the first shipment of Gandy, and the commission merchant who sold them, wrote of them as follows:

"The few crates of Olive's Pride in the car to-day were very fine and hope more will appear tomorrow. They are better than the Gandy, as they didn't show any green points."

✓ **Perfection** *Perfect.* The plant grows tall and sends out large numbers of long runners. Jas. Sons, Jr., of Missouri, the originator, describes the variety as follows:

"Very rich in pollen, medium early to late, berry crimson red, very large, conical, firm, good shipper, resists drouth remarkably well, plant healthy, large, free from rust, foliage light green, good plant maker."

✓ **President** *Imperfect.* We have but a small stock of this variety, but the plant is a fine grower. We have not yet seen it it bearing. Mr. Thomas R. Hunt, of New Jersey, the originator, describes it as follows:

"The President is a seedling of a pistillate seedling, fertilized with Nick Ohmer, and is a pistillate itself, the original stock being "Crescent." In size it averages larger than Nick Ohmer, Gladstone, Bubach or Sharpless, and is absolutely uniform in shape, the berries being almost round, and free from unripened or gnarled ends. The flesh is firm and solid, without hollows or pithy cores. The color is a rich crimson.

"The President is a strong grower, producing an abundance of thick, leathery foliage, dark green in color, and standing very erect, and a thick, stocky fruit stalk. It is very prolific and brings the last berry to perfection. On my place this year the first berries of this variety were picked May 25th, and the last June 28th. This, under ordinary cultivation and without irrigation. The berry has increased in productiveness each year during the four years I have tested it.

"The berries sold in the general market in Philadelphia and Trenton this season (1902) when ordinary fruit was cheap and plentiful, at 20 cents per quart, and the demand could not be supplied."

This variety has been reported on very highly by the *Rural New Yorker* and the New Jersey experiment station.

✓ **Rickman** *Perfect.* Not fruited here. It is a fine grower, free from all signs of disease, and makes a moderate number of short runners. We obtained our stock from one of the introducers, who speaks of it as follow:

"It belongs in the class of giant berries, and I predict will prove the 'GIANT of giants' in size, and equal in yield the now leading sorts that come under this head, such as the popular Wm. Belt, Marshall, Brandywine, Sample, Nick Ohmer, and Glen Mary.

At the late Pan American Exposition there was exhibited for several weeks, by a Mr. Rickman, a new, un-named strawberry of uniform shape, extraordinary large size, and excellent color.

Potted plants were also on exhibition in full bearing. These plants were unusually attractive. They stood up strong, were fully fifteen inches high, with numerous long, strong fruit-stems which held the fruit up in the foliage away from the dirt, and were loaded with large, fat berries, the ripe fruit being in size like ordinary hen's eggs."

✓ **Wonder** *Perfect.* This is an Ohio berry; originated by a strawberry grower of Sandusky County. On our place it is a luxuriant grower, making plenty of large healthy plants on short thick runners.

The originator, Mr. S. A. Sampsel, grows it extensively and claims it to be the leading berry in his county. He has grown it five years and has found it a very profitable variety. It has brought him \$400 per acre in a section where fancy prices are not paid for fine berries. It is a great grower and bearer, commencing to ripen about the first of June and continuing into July. It sometimes has ripe berries and blossoms on the same fruit stalk. The last berries are large and perfect.

It has not fruited here.

Early

✓ **August Luther** *Perfect.* This was originated by the man whose name it bears, a successful grower of Missouri. It and the Johnson's Early have been our best very early kinds for a number of years. There is little to choose between them. Both are excellent, and may be planted with confidence. They furnish berries that are very welcome for a few days until the Senator Dunlap comes, and then they occupy second place, and are apt to be left unpicked. If one had no better ones to follow these, they would furnish good, medium sized berries throughout the season. The plants are all that can be desired for healthy, vigorous growth. They are, at least, fairly productive.

The fruit of the August Luther is large at first but soon runs down to medium, unless it is given room. Form, roundish, often necked, of good color, and fair quality.

✓ **Cameron** *Perfect.* Plant of moderate size, healthy, has long roots, and runs freely. Fruit large, roundish, of fair size, and among the first to ripen. It is rather light in color, and of fair quality.

✓ **Early Beauty** *Perfect.* We have fruited this variety but one season and are unable to judge it fairly, as late frosts last spring killed all the blossoms that appeared in the first three weeks of the blooming season. We got about two pickings of good berries at the beginning of the season, and then the fruit ran small. The variety bears a great number of berries, but most of them are not of large size. The quality is medium, color good, flesh red and firm, form round conical. The originator claims for it a very long season, and under reasonable conditions we believe this claim is a just one.

✓ **Fairfield** *Perfect.* We had but a few plants of this variety on low ground, where the blossoms suffered very badly from frost. We found the fruit to be good, of fair size, roundish in form, dark glossy red, with red flesh. We really know so little of the variety that we give the originator's description:

"The Fairfield is a chance seedling. I have grown this berry for several years, starting with one plant only, and have never seen any berry nearly its equal for earliness, large size, productiveness, color, quality and firmness. Out of fifteen kinds covering twenty acres this was far ahead as a money maker. Comparison of prices with other berries cannot be made very well as they were all done except the very last picking when others began to pick. It has very strong foliage and has never shown any sign of rust. It has a large perfect blossom. It has been grown on light and heavy soil and seems to do well on either. It roots deep and withstands dry weather better than most other kinds. This also enables it to bring a large crop to perfection and hold the size up well at the last pickings, and I believe the berry will average about twice as large and double the quarts that Michel's Early will, aside from being from three to five days earlier."

✓ **Johnson's Early** *Perfect.* For either market or home use this is a very desirable early berry. The plant is an excellent grower, as healthy as can be, and quite productive. If one had no other this would give a good supply for a long period. While the fruit will not compare with some of the best varieties, it is still quite acceptable, being large, of good form and color, and above medium in quality.

✓ **Springdale** *Perfect.* From what we have seen of this variety we are led to think it may be our very best early berry. In our notes of May 28 we find this in regard to it: "Most promising of all. Large, bright red; good; pale flesh until fully ripe. Apt to leave hull behind. Not very firm."

✓ **Stahelin** *Imperfect.* This is probably all that was claimed for it by the originator. Its growth was perfectly satisfactory with us, but on account of digging up most of the plants, and having a hard frost when it could do the most harm, we are unable to say much concerning it. The following is from our last catalogue:

Mr. Stahelin says: "Its remarkable size, color and large clusters of the most perfect looking berries I had ever seen, led me to believe that if I could get a lot of such berries it would be just the thing for market. I took the plant and set it out and it made a nice lot of runners, and the following season it bore a large crop of nice fruit. The plants are large and healthy, never saw any rust, or sign of disease among them. Will grow and do well anywhere, are good on sand or heavy land, have been tried at the different experiment stations and the results have been most satisfactory. The plants have roots oftentimes 10 inches long and are able to stand almost any kind of dry weather. A three-year-old bed produces as well or better than a year-old setting."

The New York Experiment Station reported on it in 1898 as follows: "Blossoms with Beder Wood. Plants vigorous and good plant makers. Fruit stem long and erect. Fruit medium or above, roundish conical, good scarlet color, moderately firm, quality good. Ranks second in productiveness among all the varieties fruited on station grounds in 1898 and first in the amount of early fruit produced. Recommended for trial for an early variety."

✓ **Success** *Perfect.* Plant of fair size, a good, healthy grower and makes runners freely. The fruit is large conical, of regular form, red, firm and of good quality. Fruit is produced in abundance, and it all comes to maturity, Season early.

✓ **Texas** *Perfect.* We think this is a valuable variety. The plant is of good size, vigorous and healthy, and makes runners sufficient, but not so many as other early varieties. It has borne a good many berries in the fall, not only last fall but the fall before. Fruit of fair size, dark glossy red, with red flesh, quite firm and of good quality.

Late

✓ **Brandywine** *Perfect.* This well known variety was introduced by us, and is now grown in all parts of the country. It is almost too well known to need any description. The plant is of good size, makes plenty of runners, is generally healthy and productive. The fruit is large, heart shaped, firm, of good color and quality. It ripens a large part of its crop late. It is a safe variety to plant.

✓ **Gandy** *Perfect.* This has been the standard late variety for many years. It generally bears more the second year than the first. Its central leaves are usually curled in the growing season, which gives the plant a bad appearance. It is fairly productive. The fruit is very large and beautiful in form and color, and of excellent quality. Not a success on dry soil.

✓ **Joe** *Perfect.* A splendid grower and good plant maker. Fruit very large, dark red, red clear through, obtuse conical, sometimes ridged, sometimes has white tips, of good quality. Moderately productive. Late but not the latest.

✓ **Klondike** *Perfect.* We have considered this to be our best late variety, and it is certainly a good one. The plant is only of moderate size, but it is a good grower and bearer. Like the Gandy, it produces some pistillate blossoms early in the season. It holds out in size until late in the season. The fruit is large, roundish, smooth, and not so red as we supposed. It is firm and of good quality.

✓ **Uncle Jim** *Perfect.* Plant large, healthy and productive. It makes a nice fruiting row, but does not run all over. It has deeply penetrating roots and usually the crop ripens over a long season. Fruit is large, long conical, deep red, good quality, and firm. Season late.

Some We Recommend

Bismarck *Perfect.* A seedling of the Bubach, and much like its parent. The plant is quite satisfactory, being strong, vigorous and healthy. It makes plenty of runners and is a good bearer. The fruit is very large, roundish conical and very uniform in shape and size. It is firmer than its parent and rather lighter colored. All points considered it is an excellent variety.

Challenge *Perfect.* Originated by Mr. J. R. Peck, of Missouri, and introduced by us. We have fruited the Challenge five years; and we have had a good many people come to see it. We do not remember ever to have seen as many very large berries on any other variety. The plant is large, and healthy, sends out a sufficient number of runners, and bears a very large crop of great berries. It seems to be better able to come through a drouth than most varieties. The fruit is of the largest size. Some of the first berries to ripen are somewhat uneven, but the remainder are quite uniform in shape and size. Color dark red to the center. It is one of the finest of large berries, and the quality is good. It is a variety to grow and sell with the greatest satisfaction to producer and consumer.

Haverland *Imperfect.* This is one of the most reliable of all, and one of the most prolific. We have had it yield at the rate of over 100 bushels per acre at one picking. The plant is a healthy, vigorous grower, and succeeds anywhere. The fruit is large, long conical, bright red, not very firm, and only of fair quality. Its enormous productiveness and bright red color have made it a great variety for profit.

Kittie Rice *Imperfect.* This is the most beautiful berry that we know, and the most reliable of all the large, well tested varieties. It is good for market, for home use or for exhibition. It was originated by Mr. John F. Beaver, of Dayton, O., and he considered it his best berry until the Beaver appeared. It has made an excellent record in nearly every place where it has had a trial. The plant is a model of health, vigor and productiveness. It is so strong and luxuriant that it is a satisfaction to grow it. The fruit is very large, roundish, dark red, glossy, and very attractive. Season, medium. This variety needs winter protection.

Loyd *Imperfect.* Also called Seaford. This has been a very profitable variety on account of its size, beauty and season of ripening. It comes into market soon after the very early varieties, and its fine appearance insures a ready sale at the highest price. The plant is healthy, vigorous and productive. The fruit is large, of regular conical form, very dark red, firm, and of good quality. It bears a long time.

Lyon *Imperfect.* This is a remarkable variety. For healthy vigorous growth and enormous productiveness it is all that could be desired. It also seems to be unusually hardy in the blossom. While the plant is only of medium size, it has long stout roots, and is tough and vigorous every way. It will produce more berries on a given area than will any other that we have seen. The fruit stalks are not tall enough, and many of the berries ripen unevenly early in the season. This is the one fault of the variety. The fruit is of good size, long conical, never misshapen, nearly as large as the Senator Dunlap. Color, bright red, with red flesh, firm, and of good quality.

Miller *Perfect.* We now regard this as one of the very best of the standard varieties. The plant is large, stocky, healthy and productive. It sends out plenty of strong runners. Fruit very large, roundish conical, quite uniform in shape and size, bright red on the surface, paler at the center, and of fine flavor.

"Too much has not been said of the Miller, and I place it at the head of my list, Sample coming next. With the Miller, at our State Exhibition, I was awarded second premium for best four quarts, any variety; first premium for best new variety, and first premium for best variety for home use, garden cultivation.

A. W. CLARK, Providence, R. I."

New York *Perfect.* A large, healthy plant with but few runners. It bears well, but the very large berries of the first of the season are followed by smaller ones and these by nubbins. This would not be the case under the best conditions. Berries are of regular conical form, sometimes ridged, very good, and only moderately firm. Season medium.

Parsons' Beauty *Perfect.* From the standpoint of the commercial grower this comes very near to being a perfect variety. It is weak in just one point—it is rather acid. It is a healthy, luxuriant grower, makes plenty of runners and is an abundant bearer. The fruit is large, of regular conical form, never misshapen, very uniform in shape and size, bright red, firm and very attractive. It holds out in size better than most varieties. In fact it is superior in every way except that it is a little tart—just right for canning.

Pocomoke *Perfect.* The description of the Parson's Beauty will serve for this variety.

Ridgeway *Perfect.* We have had this ever since its introduction, and consider it a safe variety to plant. The plant is of medium size, a good grower and bearer. The fruit is large, roundish, smooth, dark red and of good quality. It has succeeded well in nearly all parts of the country.

Sample *Imperfect.* This is one of the very best pistillate kinds in cultivation. The plant is large and healthy, and makes lots of runners. No matter how close the plants stand to each other in the bed, every one will bear. The plant is well anchored by a great mass of roots, and is rarely heaved out. It is a great bearer of large, roundish berries, usually with a slight neck, dark red to the center, moderately firm, and of good quality. It ripens large berries to the close of the season.

Senator Dunlap *Perfect.* This is perhaps as reliable as any variety in the market. It succeeds in all sections, on all soils and under all methods of cultivation. Just as the Warfield superseded the Crescent, so this supersedes the Warfield. Even the originator of the Warfield concedes this. While it is not superior to the Warfield as a shipper, it will come through a drouth or a spell of wet weather in the picking season, with far less damage. While the latter has short roots that can not find sufficient moisture in a dry time, the Senator Dunlap has long, tough roots that reach down to permanent moisture. Whatever the conditions may be it will make the best of the situation and produce all that is possible under the circumstances. It commences to ripen soon after the earliest and continues until near the close of the season. It sends out many runners and should have plenty of room. The plant is perfectly healthy, and an enormous bearer. The fruit is large, but not the largest, of regular roundish conical form, and very uniform in shape and size. It needs no sorting as a rule. The color is deep, rich red, giving the fruit a very attractive appearance in the basket. The quality is much better than any of the productive varieties that preceded it, and is about as good as the best—the Wm. Belt, Kittie Rice or Beaver.

Sutherland *Imperfect.* This is much the style of the Sample, and likely to become popular as a market berry. It is a satisfactory grower, with dark green, healthy foliage. It makes plenty of runners, and is as productive as the Sample, which is saying a good deal. It holds out in size to the end of the season, and the berries will keep for days after they are ripe. Size large, roundish, bright red to the center, firm and of fair quality.

Warfield *Imperfect.* This has been one of the great money makers. It does well anywhere, bears well, carries well and looks well in the market for days after being shipped in. The plant is only of medium size but makes many

runners, and should be restricted. Its roots go down but a short distance, and the fruit grows small in a dry time, especially if plants stand too thick. The fruit is of medium size, often necked, long, dark glossy red, firm, rather tart, and a favorite for canning. It is usually planted too close.

Wm. Belt *Perfect.* Introduced by us about ten years ago. We might describe it by saying that it has every good characteristic save one—it is rather subject to rust. Although its single failing is well known it is extensively planted by a large number for its many excellencies. We have seen it produce berries over nine inches in circumference in sixty days from the time it was transplanted. While it has rusted at times, we have never seen any damage worth mentioning in consequence. The plant is very large and sends out plenty of strong runners. It is very productive.

The fruit is very large, and usually of regular roundish, conical form. Under high culture the first berry on the stem—the king berry—is quite apt to be cock-combed, but all that follow are of beautiful form. The color is bright glossy red, and the flavor delicious. Season, medium.

Woolverton *Perfect.* This was originated by the late Mr. Lohn Little, of Canada, and was introduced by us. It makes a large, vigorous plant that sends out plenty of strong runners and produces a good crop of very large berries. It is a favorite pollinizer, as it remains in bloom over a month. It succeeds over a wide area, and is a surprise to both growers and consumers on account of its great size. It bears a long time. The fruit is generally conical, but is occasionally irregular in form, sometimes uneven. It is bright red, but sometimes ripens unevenly. The berries are so large and so numerous that one could throw away every imperfect specimen and still have a great crop of fine berries. It is firm and good.

Yant *Perfect.* From the standpoint of the fruit grower this is a model of growth and productiveness. It makes large plants, sends out a moderate number of short runners making a fine fruiting row that is always green and thrifty looking. The fruit is of large size, regular long conical form, and produced in abundance. In fact it is much like the Bubach in its style of growth, and ripens at the same time. It is, however, firmer, not quite dark enough inside, and a little slow to color underneath.

Show Berries

Margaret *Perfect.* This variety was originated by Mr. Beaver, and has been found to be better suited to the amateur than the commercial grower. Mr. E. C. Davis, of Massachusetts, considers the Margaret the most desirable variety that he has grown, and he has tested nearly all. He gives the highest culture, and he has had the Margaret bear thirty-five days, with the largest specimens over three inches long—as large as good sized lemons. The plant is a healthy grower, of good size, makes enough runners, and is a good bearer. The fruit is very large, usually conical, sometimes long oval shaped, dark glossy red, and of excellent quality. It responds to a winter covering of manure as few varieties do.

Marshall *Perfect.* Found wild in Massachusetts. It has taken more first premiums at the great Boston show than has any other variety since it appeared. It is strictly a fancy berry, and is best suited to skillful growers who give best culture. It is easily injured by a late frost. It has the name of being only moderately productive, but if measured in quarts it will compare favorably with most varieties. It generally matures all its berries and they are all picked, while some kinds start out to do more than they are able, and leave a large number of unripe

berries at the close of the season. With good culture and protection from frost it is generally very satisfactory.

The plant is very large and stocky, a fairly good grower, and usually healthy. The fruit is very large, roundish, very dark glossy red, very attractive in appearance, and of most excellent quality. It is scarcely ever misshapen, and never common or unattractive.

Nick Ohmer *Perfect.* Another of Mr. Beaver's seedlings. Wherever it has had the best culture it has created a sensation by its size and beauty. This is among the very largest in cultivation. The first berry on the stem, under high culture, is apt to be corrugated, but those that follow are usually of regular form, dark glossy red and of good quality. If left to itself it makes long runners but the young plants are slow in rooting. The plant is a good grower, of large size and nearly always has healthy foliage. If one wants to raise three or four ounce specimens, this is a good one to use.

Others

Gibson *Perfect.* This variety has failed with us far too often, and we would not feel safe in planting it largely. We have seen it at its best when it was very satisfactory; so we know what it can do under favorable conditions. The plant is a satisfactory grower, large, healthy, stocky and makes but a moderate number of runners. Fruit large, roundish, very dark red and of good quality.

Granville *Perfect.* Large, healthy, vigorous plant with plenty of runners. Fruit large, long conical; uniform, dark glossy red with red flesh of good quality. Said to be the best of all for canning. Season medium to late. Fairly productive. At the Ohio Experiment Station it is among the very best in quality.

Kansas *Imperfect.* The record of this variety on our place is not good enough to warrant us in planting it largely. It bears well and is perfectly healthy, but the fruit is not very large and only moderately good. It is highly satisfactory in some places.

Marie *Imperfect.* We are inclined to think that this is a variety of great value. The plant is of good size, dark green, perfectly healthy, and makes plenty of runners. Fruit large, round, with red flesh, and of good quality. It is a productive variety.

Minute Man *Imperfect.* This variety has made a good record in the east. With us it is a good grower, and while the plants are not large, they bear well. The fruit is large, regular conical form, bright red, and of fair quality.

Monitor *Perfect.* Small, healthy plant with many runners. It is a good bearer and ripens all its berries. The fruit is large, round, not very firm, rather light, and of only medium quality. It would be a prize if it had more firmness and color.

Oom Paul *Perfect.* Large, healthy plant; makes a moderate number of strong runners, and is a prolific bearer. The fruit is large even to the end of the season, conical, sometimes uneven, of good color, which becomes paler towards the center. Flesh firm and of good flavor. This variety produced a good crop last fall. We think that under high culture this would be a great variety.

Tilghman *Imperfect.* From what we have seen and heard of this variety we believe it to be valuable. The plant is of good size, makes runners freely, and is able to carry its fruit to perfection. It is fairly productive, but has a habit of curling its inner leaves. Fruit is large, light red to the center, long conical, firm, attractive looking, and fairly good.

To Our Customers

Plants to Canada Owing to the Canadian regulations covering the admittance into the Dominion of nursery stock, sometimes causing delays which the shipper cannot avoid, **we must decline to hold ourselves responsible for the safe arrival at destination of plants sent into Canada.** Our responsibility on such shipments ceases when we have delivered them to the postal department or express company.

Double postage is required on plants addressed to points in Canada. Orders for plants to be sent into Canada must be accompanied by extra postage at the rate of one cent for every four plants. If extra postage is not sent, we shall reduce the number of plants ordered accordingly.

Prices are given in this catalogue on all varieties that we have for sale this spring and on such quantities of each as we can furnish. These prices are lower than for several years past and are as low as we can make them and still leave us a fair profit. In the past we have been accustomed to allow discounts to certain public institutions and to regular dealers. **Because of reducing prices we must decline to make any discounts this year.** Every person ordering from us may be assured that he is getting just as much for his money as anybody else is.

Terms **Cash with order or before shipment.** We sometimes vary from this rule in favor of old customers with whom our past dealings have been satisfactory to us.

We cannot accept orders for less than six plants of one variety.

Packing and Shipping We begin to ship plants as soon as we can dig them—usually about April 1st, sometimes a few days earlier. We do not hold plants in cellars over winter. We do not ship plants by freight. Certificate of inspection accompanies every order.

We guarantee that all plants ordered sent by mail or express before May 1st to points in the United States shall reach their destination safely. If any fail to do so, or if any mistake has been made, we stand ready to rectify the error or make good the loss, if notified promptly.

By express we can ship directly over the lines of the United States and Adams (and Southern) Express companies. As the express companies make a special rate on plants we believe that our customers at points **where the above named companies have offices** in Missouri, Iowa and Minnesota and east of these and north of Tennessee, will find it cheaper to have plants in quantities of 200 or more sent by express than mail.

Guarantee While we take the greatest care to have all stock true to name, in case any shall prove otherwise, we will not be liable for an amount greater than that actually paid us for the stock. It practically never occurs that our stock is untrue, except in a very few instances where we received mixed stock from the originator or introducer.

Substituting When we are sold out of a variety ordered, we can frequently substitute others to the advantage of the purchaser, if permitted to do so. **On orders received before May 1st we do not substitute unless given express permission to do so; on orders received after that date, however, we retain the right to substitute where necessary, unless expressly forbidden to do so.** We advise those ordering after May 1st not to forbid substitution, as it is then so late that they stand a poor chance of being able to get the varieties they want elsewhere.

PRICE LIST OF STRAWBERRIES

PLEASE PRESERVE A MEMORANDUM OF YOUR ORDER HERE

Date.....1904 Amount Sent, \$.....

To be shipped by.....on or about.....

Pistillate Varieties (Imp.) Must Have Bisexual Varieties (Per.) Near Them.

Six plants of one variety at dozen rates.

50 plants of one variety at hundred rates.

These prices are for various numbers of plants of one variety only. We do not combine varieties to make up any given number at the price quoted for that number.

VARIETIES	By Mail*—Postpaid			By Express—Not Prepaid						
	12	25	100	12	25	100	200	300	400	500 1000
August Luther (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	\$1.25...	\$1.50	
Ben Davis (Per.).....	.55...	.85...	2.80.....	.50...	.75...	2.50				
Bismarck (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	\$1.75...\$3.50
Brandywine (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Cameron (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Challenge (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Commonwealth (Per.).....	1.00...	...	.....	1.00						
Duncan (Per.).....	.35...	.55...	1.80.....	.30...	.45...	1.50				
Early Beauty (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Fairfield (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Gandy (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Gibson (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Granville (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Haverland (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Howard No. 2 (Imp.).....	1.00...	1.50...	3.80.....	1.00...	1.40...	3.50				
Joe (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Johnson's Early (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Kansas (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Kittie Rice (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Klondike (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Lloyd (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Lucas (Per.).....	.45...	.70...	2.30.....	.40...	.60...	2.00...	3.50...	4.50		
Lyon (Imp.).....	.25...	.40...	1.30.....	.20...	.30...	1.00				
Margaret (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Marie (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Marshall (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Miller (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Minute Man (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Missouri (Per.).....	.55...	.85...	2.80.....	.50...	.75...	2.50				
Monitor (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
New York (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Nick Ohmer (Per.).....	.20...	.50...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Ninety-Six (Per.).....	1.00...	1.50...	3.80.....	1.00...	1.40...	3.50				
Olive's Pride (Per.).....	.25...	.40...	1.30.....	.20...	.30...	1.00				
Oom Paul (Per.).....	.35...	.55...	1.80.....	.30...	.45...	1.50				
Parsons' Beauty (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Perfection (Per.).....	.55...	.85...	2.80.....	.50...	.75...	2.50				
Pocomoke (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60				

* For plants by mail to Canada, add to these prices one cent for each four plants.

VARIETIES	By Mail*—Postpaid			By Express—Not Prepaid						
	12	25	100	12	25	100	200	300	400	500 1000
President (Imp.).....	1.00		1.00							
Rickman (Per.)	1.00		1.00							
Ridgeway (Per.).....	.20	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Sample (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Senator Dunlap (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Springdale (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50	
Stahelin (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	1.00			
Success (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Sutherland (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Texas (Per.).....	.35...	.55...	1.80.....	.30...	.45...	1.50				
Tilghman (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Uncle Jim (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Warfield (Imp.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Wm. Belt (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Wonder (Per.).....	.35...	.55...	1.80.....	.30...	.45...	1.50...	2.50...	3.25		
Woolverton (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50
Yant (Per.).....	.20...	.30...	.90.....	.15...	.20...	.60...	.95...	1.25...	1.50...	1.75... 3.50

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Selecting Varieties

Varieties should be selected only after the grower has decided toward what ends he will aim. Having considered the character of his land, whether it is light or heavy, sloping to the north or the south, low and subject to frost or high and seldom visited by late frosts, damp or dry, retentive of moisture or subject to drouth; having studied his market, its distance from his farm, the kind of transportation that fruit will have to stand, whether the market will pay enough more for extra fine fruit to pay for the extra care in growing it; having decided what methods of culture it is advisable for him to pursue, he is ready to select varieties that appear most likely to meet his conditions and requirements. A grower having low, frosty land and a market that will pay a fair price for large berries but will not pay extra for beautiful appearance and splendid quality, wants varieties that are almost sure to give a good crop of large berries though they may be wanting in quality and appearance. A man shipping to a long distance does not want a soft berry even if the variety is productive and of large size. A gardener on a private estate desires to grow fruit of fine quality and appearance even if it is more difficult to produce and the crop not so large.

An experienced market grower has his favorites selected by his own experience, and if he is wise he will hold to them until by his own tests he finds something better. He may be glad of suggestions as to the varieties he should test, and inexperienced persons must depend upon the advice of others in selecting varieties until they have had some experience.

We give below lists of varieties, which in our opinion are adapted to the purposes mentioned.

For a Home Garden, where a good supply of berries is wanted for home use with as little labor as possible: Johnson's Early, Senator Dunlap, Woolverton, Brandywine.

For a Home Garden, where land is limited but the owner takes pleasure in giving good care and growing the finest fruit possible: Marshall, Senator Dunlap, Kittie Rice, Wm. Belt, Margaret

For a Commercial Grower, who, selling in a market that will not pay for fancy fruit, wants the largest possible yield of berries of fair size and appearance: Johnson's Early, Senator Dunlap, Haverland, Sample, Parsons' Beauty, Miller.

For a Commercial Grower, who ships to a distance: Johnson's Early, Senator Dunlap, Parsons' Beauty, Challenge.

OUR GREAT OFFER

FREE

TO EVERY PERSON SENDING US AN ORDER

Amounting to \$1.00 or More accompanied
by the cash
(or cash before shipment)

Between now and May 1st, we will send free with his order (as long as the stock lasts)

One strong plant of the great
Beaver Strawberry for Each Dollar of his order.

.. CAUTION ..

We believe that our Stock of Beaver Plants is large enough to enable us to carry out this offer throughout the spring. But we advise everybody to order early and make sure.

"STRAWBERRY CULTURE" SOLD

For the past two years we have advertised and sold the little book "Strawberry Culture," by M. Crawford. The book has enjoyed a good sale, and every person who purchased a copy got his money's worth. We have recently sold the book, with all rights of publication to Mr. W. F. Allen, of Salisbury, Md., who is now getting out a large edition,

MR. REASONER'S LOSS

Last summer Rev. J. R. Reasoner, of Urbana, Ill., originator of the Senator Dunlap, met with a severe loss in the burning of his home. It was the more serious as the lists of his customers and correspondents were also destroyed. We believe that a number who receive this catalogue were also on Mr. Reasoner's lists, and we trust that this announcement will result in their sending to him for his spring catalogue.

Some Other Fruits

We offer this year a few new fruits other than strawberries, which give promise of a fine future. We are satisfied that these are good and those who are interested in blackberries and currants should get a few plants for testing. We cannot accept orders for these after April 15.

Blowers *Blackberry*

In August our Mr. M. Crawford went to Western New York to see a new blackberry that he had first heard of in the N. Y. Tribune. His account of it follows:

The variety had been in bearing about a month, and all others on the place were gone. I found several rows in a town lot, supported on a very high trellis. It appeared as if the crop had just commenced to ripen, for there was one of the largest crops in sight that I ever saw, and I have been familiar with blackberries all my life. From near the ground to a height of ten feet, the trellis was full of berries, many of them ripe, many red and many green ones not yet commencing to turn red. The man in charge told me that the crop would not be all gone until October, and I had no reason to doubt his word. Some weeks later the owner wrote me that he was still picking berries. Although carrying such a tremendous crop, the bushes seemed to be perfectly healthy. In two other gardens, and in a large plantation in a field, the same green, healthy appearance was observed. It was the same with a plantation growing from root cuttings. One bush was tied to the trellis and was over 12 feet high, and still growing. It too, was perfectly healthy.

From all I was able to learn, the variety has never been winter-killed. I failed to learn just how long the variety had been fruited, but one man who had a short row in his garden, for his own use, informed me that he had fruited it for seven consecutive years, and he never knew of its failing. He said that if he had known of its value when he first obtained it, he might have made a fortune out of it. I believe he has never sold any fruit or plants. I saw the place where the original plant came up, and less than half a rod of ground is still occupied with the variety, which supplies the family with fruit. I was particular to ascertain if it was perfectly hardy, for we have so many excellent varieties that lack only hardiness. As far as I could learn, no one has seen it injured by cold weather.

Now, as to the fruit, it is very large and very good. I have seen larger berries, but not this year. Some weeks before I went to see the Blowers, I saw a plantation of the Eldorado and Rathbun in great perfection, and neither was as large as the Blowers. I have, however, seen specimens of the Rathbun as large, or larger, than the Blowers. It is large enough, and at the same time appears to be perfectly hardy, which can not be said of any other large variety that has been tested in this climate.

The quality of the Blowers is among the best. It has just enough acidity to give it a sprightly flavor, but when dead ripe the acid disappears without leaving a suggestion of bitterness, and the fruit simply melts away in the mouth.

The season is very long, giving perhaps three or four weeks picking after all others are gone.

Prices by mail or express: 1 plant, .25; 2, .50; 6, \$1.00; 12, \$2.00; 25, \$3.00; 50, \$5.00; 100, \$10.00.

Kenoyer *Blackberry*

The variety was found in a patch of the Early Harvest in Kansas, in 1897. It is supposed to be a cross between the Early Harvest and Kittatinny, as it has points of resemblance to both, and these two were the only ones grown on the farm where it was found. The plant is a thrifty upright grower, bears as many berries as the Early Harvest and they are twice as large. It ripens its first berries a few days earlier than the Early Harvest, and

ripens its entire crop in three weeks. The plant is unexcelled in the healthy, vigorous growth of both cane and foliage. The leaves have thus far been uninjured by the leaf spot or other fungous disease. It has never been affected by the orange rust. It has endured 15 degrees below zero without injury, and how much more it would endure we are unable to tell. The thorns are small and short and do not much interfere with picking the fruit. The plants do not make many suckers which is a decided advantage to the berry grower.

"In flavor the Kenoyer is superior to many varieties, and almost equal to the Kittatinny, the most delicious of all blackberries. It has not the insipid mulberry flavor of the Early Harvest. The berries have large drupes or individual berries which give it the appearance of a late sort—a point in its favor as a market berry. The seeds are small, which makes it a splendid berry for preserves, jam, pies, etc. The core is always soft and never bitter. It is very juicy, which renders it rather soft for shipping to distant markets unless picked as soon as it colors. It is productive but does not bear more fruit than it can mature, as is the case with the Early Harvest. Its early ripening makes it especially adapted to sections where the blackberry is liable to be headed off by a summer drouth."

Most of the foregoing was taken from Mr. Kenoyer's circular. Much more might be said in its favor, but it is unnecessary. The variety is without doubt a very valuable one. We think all of our customers would do well to give it a trial.

Prices by mail or express: 1 plant, 60c; 2, \$1.00; 9, \$2.50; 12, \$4 00.

Comet Currant

We procured our stock of this variety in the spring of '98, from the introducer, Mr. Fell, of the Island of Jersey. In 1901 we discovered that one of the plants was not true to name, and we had to commence over again in order to have stock that we knew to be pure. The plants we now offer were grown by us from cuttings of our own bearing bushes and are true to name.

The bush is a satisfactory grower and holds its leaves until late in the season. Like all other currants it is easily grown from cuttings, and one-year plants usually make a growth of from one to two feet. It is a good bearer but no better in this respect than the Victoria and some others. It has large bunches and berries. Other varieties may be equal to it in one of these characteristics, but not in both. Bunches have been grown containing twenty-six large berries, making it nearly as large as a small cluster of Delaware grapes. The Comet has taken first prizes at exhibitions wherever shown in England, and it is conceded to be the finest variety in cultivation. Professor Beach, of the New York Experiment Station, says that the berries will average larger than the Perfection, which is probably the best American variety. In the six years that we have had the Comet we have discovered no weakness about it, and are convinced to our satisfaction that it is the best up to this date.

The following is the originator's description: "The bunches almost approach grapes in size, being frequently 8 inches in length, with from 20 to 26 berries of enormous size, and of the most brilliant crimson color. It is a valuable fruit for dessert purposes, the juice is particularly refreshing and soft to the palate—it being without acidity. It will hang a long time in good condition."

Prices, by mail or express: 1 plant, 40 cents; 2, 75 cents; 6, \$2; 12, \$4; 25, \$7; 50, \$12.50; 100, \$25.

THE GLADIOLUS

The gladiolus is, by all odds, the best plant we have for furnishing cut flowers from the open ground during the summer and fall months. It commences to bloom about the first of July and continues until November. It is just beginning to be grown extensively for cut flowers for market, and it has undoubtedly a great future. The spikes are cut when the first flower opens, packed in light boxes without bunching, as one would pack rhubarb, and expressed to all points. We have sent them to Montana in good condition. No flower blooms in water better than the gladiolus. Indeed it does better in water than on the plant. In the south it is apt to wilt in the hottest part of the day if left on the plant, but if put in water it reaches great perfection. We have a neighbor who takes loads of cut gladioli to Cleveland, a distance of 35 miles, starting soon after midnight. People in the cities want flowers, and the blooms of the gladiolus are very acceptable, while they are only a by-product with the grower of bulbs. A thousand first size bulbs will produce over 2,000 spikes; of second size, say 1,500; of third size, 1,000—4,500 in all, and as many bulbs which should, under first class conditions, be of first size. By planting the three sizes at the same time one gets a succession of bloom—the large bulbs blooming first and the small ones last. No particular skill is required. The land is prepared as for potatoes and furrowed out. We plant in rows three feet apart, and twice the diameter of the bulbs apart in the row, covering from four to six inches in depth. We never take pains to place right side up any sizes below No. 2. Cutting the spikes as soon as the first flower opens prevents the bulb from being exhausted by producing seed. It also prevents damage from blowing over, and does away with the necessity of support.

During the summer months—especially in a dry time—there is usually a scarcity of flowers for decorative purposes. People want them for churches, for Sunday schools, and for special occasions, and nothing can equal the gladiolus for such purposes. My aim in selling bulbs is to furnish the greatest value for the money, and many of my customers think that I have succeeded heretofore. During the thirty odd years that I have been making a specialty of the gladiolus, I have purchased most of the desirable named varieties, and have obtained many choice seedlings from specialists by exchanging. In addition to this I have grown an enormous number of seedlings. Some years ago I bought all the seed that was for sale by the pound, that I could hear of in this country and Europe—over thirty pounds. The first year that Mr. Groff had hand-fertilized seed for sale I bought all that he had. Since then I imported a large amount of the new "live" that has made quite a sensation. In these ways I have had rare opportunities for building up a fine collection, and I have improved my collection. I have very rarely sold any bulbs under name or color, nor do I expect to. I sell the best I can, and one would lower the grade of the balance. My selected stock, "XX," is being improved from year to year by the addition of Seed Stock, but the latter is not for sale by itself. Since selling bulbs last spring I have added quite a quantity, so that no one is likely to receive the same varieties he did before.

I will sell only two grades, selected "XX," and common "X," and can furnish any size of either grade, but the smaller sizes must be ordered before April, as we put them in the ground early. The sizes are as follows: No. 1, one and a half inches and upward in diameter; No. 2, one to one and a half; No. 3, three-fourths to one; No. 4, one-half to three-fourths; No. 5, all below one-half inch. Nos. 1, 2 & 3 are blooming sizes, and most of the No. 4 will bloom if planted early. No. 5 will make No. 1 in one season if well cared for.

PRICES OF BULBS

	By Mail—postpaid		By Express—not prepaid		
	12	100	12	100	1000
XX—No. 1.....	\$.50...	\$3.50.....	\$.40...	\$2.50...	\$20.00
XX—No. 2.....	.35...	2.50.....	.30...	2.00...	15.00
XX—No. 3.....	.25...	1.75.....	.20...	1.40...	10.00
XX—No. 4.....	.15...	1.00.....	.12...	.80...	7.00
XX—No. 5.....	...	.60.....	...	.40...	3.00
X—No. 1.....	.30...	2.00.....	.20...	1.00...	7.50
X—No. 2.....	.20...	1.25.....	.15...	.75...	5.00
X—No. 3.....	.12...	.75.....	.10...	.50...	3.00
X—No. 4.....	...	.50.....	...	.30...	2.00
X—No. 5.....	...	.25.....	...	.20...	1.00
XX—Bulbets.....	Qt., 50c; Peck, \$3.00; Bush., \$10.00				
X— ".....	" 15c; " 1.00; " 3.00				

Six, fifty and five hundred at dozen, hundred and thousand rates respectively.

The bulbs offered belong to me and not to the M. Crawford Company; but if any of our customers wish to order bulbs and plants together they may do so.

M. CRAWFORD,

Cuyahoga Falls, O.

A study of the gladiolus was made at Cornell University last year, and bulbs were received from many sources. The following is the report on some that I sent:

Cornell University,

Ithaca, N. Y., Nov. 25, 1903.

"The strain of gladiol sent by you proved in all respects a superior one, the bulbs being extra large, producing in a majority of cases two flower spikes. The color and size of flowers were all that we could desire, while the texture of the individual flowers was perfect."